

COL17A1 Recombinant Rabbit Monoclonal Antibody (SR46-05)

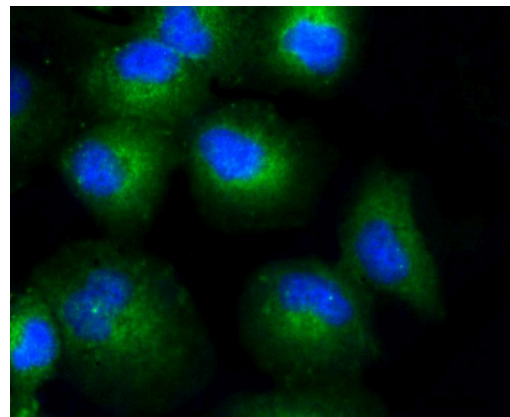
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	SR46-05
Conjugate	Unconjugated
Immunogen	Recombinant protein within Human Collagen XVII aa 1313-1420
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809278

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50	-

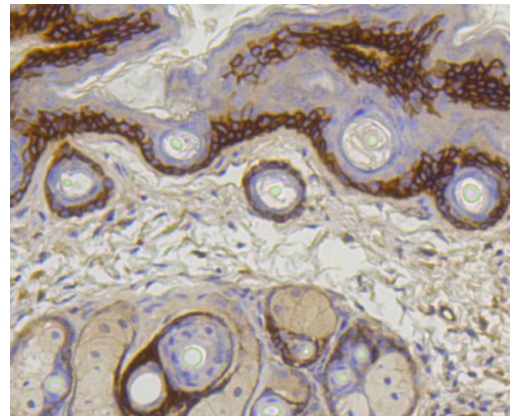
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For COL17A1 Recombinant Rabbit Monoclonal Antibody (SR46-05)



COL17A1 Antibody (MA5-31984) in ICC/IF
Immunocytochemical analysis of COL17A1 in HUVEC cells using a COL17A1 Monoclonal antibody (Product # MA5-31984) as seen in green. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



COL17A1 Antibody (MA5-31984) in IHC (P)
Immunohistochemical analysis of COL17A1 of paraffin-embedded Mouse skin tissue using a COL17A1 Monoclonal antibody (Product #MA5-31984). Counter stained with hematoxylin.

1 Reference

Western Blot (1)

The EMBO journal		Year
Binary organization of epidermal basal domains highlights robustness to environmental exposure.		2022
"MA5-31984 was used in Western Blotting to identify Sox6 as a novel UV-induced and interscale/inter-ridge preferred basal IFE-domain transcription factor, important for IFE proliferation and survival."		Species
Authors: Ghuwalewala S, Lee SA, Jiang K, Baidya J, Chovatiya G, Kaur P, Shalloway D, Tumbar T		Mouse
		Dilution
		1:20000

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